

# Upstream Electric Compression Wellhead/Gathering Applications

## Panel Participants:

- Josh Malouf, Manager of Engineering, Energy Transfer Technologies
- Brian Matussek, Vice President of Business Development at Cameron, Compression Systems
- Randy Bissey, Gulf Coast Regional Manager, Ariel Corporation
- James R. Barr - Corporate Sales Manager J-W Power Company
- Producers – Speak up!!!

# Upstream Electric Compression Wellhead/Gathering Applications

## ■ PROS

- **Motor Reliability**
  - No fuel gas concerns
- **Environmental**
  - No Combustion emissions
  - Less noise and spills
- **Low Cost of Maintenance**
  - Overhaul issues limited
  - Quick shop turnaround
- **Low Capital Cost**
  - Motors & Controls
- **Flexibility**
  - Harsh environment
  - Operating (VSD's)

## ■ CONS

- **Access to power**
  - T&D availability/cooperation
  - Build own infrastructure
- **Starting current**
  - Requires over-building
- **Price volatility**
- **System reliability**
  - Outage exposure
- **Capital flexibility**
  - No leasing market
- **Availability of replacements**
  - Long lead time